

High Definition

PVR READY SET TOP BOX

HVBTR-4800

USER MANUAL



High Definition Terrestrial Receiver

HVBTR-4800USER MANUAL



User Manual

Please read carefully before use

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IMPORTANT SAFETY INSTRUCTIONS AND PRECAUTIONS

Read all instructions carefully before use.

Retain manuals for future reference.

Use this product only in the manner described.

Only use a water-dampened soft-cloth to clean the surface of this product.

Use electronic devices in well ventilated areas & not exposed to excess vibration.

The following will damage this product: any liquid such as water or moisture, extreme heat, cold, humidity, dusty or sandy environments.

Disconnect this product from mains power and antenna during lightning storms.

Only place this device on stable surfaces and ensure that any attached cables are secure and will not cause the device to fall.

There are no user serviceable parts in this product.

Un-authorized attempts to dismantle or repair this product will void product warranty and may result in dangerous electric shock.

Remove any power or data cords by pulling them from the plug and not the cord.

Using this device near other electronic devices may cause interference.

When recording images or video using this product please be respectful of the Copyright requirements and restrictions as they apply to each program in your area.

Images shown in this document are for references only and there may be differences between images and actual products.

Do not mix old and new batteries in the remote.

We reserve the right to change the products and or documentation without notice.

WHATS IN THE BOX

HVBTR-4800 HD Set Top Box

1 x Remote control

2 x AAA Battery for remote control

1x User Manual (This Document)

1X Quick Guide

1X Warranty Card

1 x RCA AV Cable

INSTALLING THE BATTERIES

1. Remove the battery compartment cover on the rear of the Remote control.



2. Insert the 2 X AAA batteries (supplied) in to the compartment being sure to match the polarities with the markings in the compartment.

3. Fit the cover back on the remote control and make sure that it locks in place.

Note: Please do not mix old and new batteries in this remote. Remove batteries if remote is not going to be used for long periods.

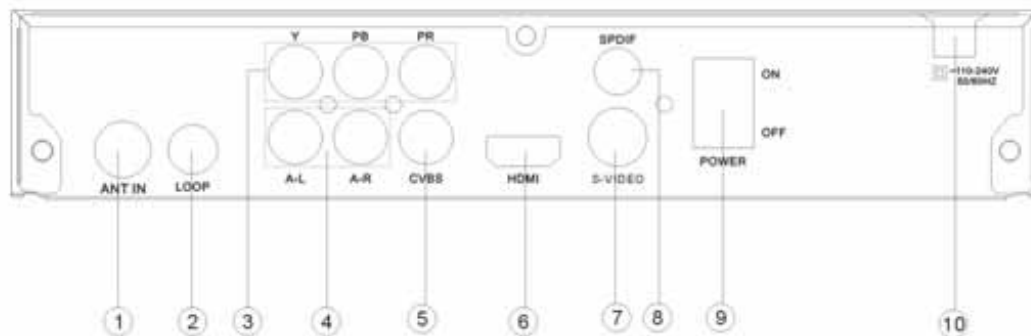
HVBTR-4800 PVR READY SET TOP BOX

Front Panel



Item	Description
1	STANDBY
2	CH+
3	CH-
4	USB

Rear Panel

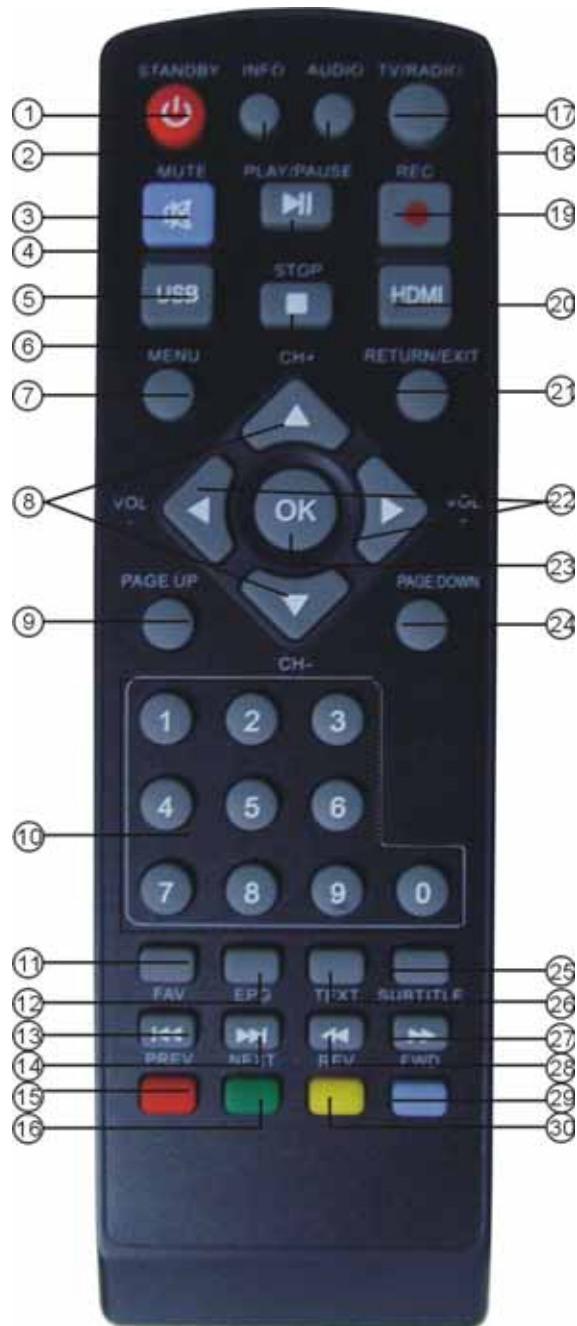


Item	Description	Item	Description
1	Antenna IN socket	6	HDMI Output
2	RF Loop Out Socket.	7	S-VIDEO
3	Y/PB/PR Video Output	8	SPDIF: Coaxial Digital Audio Out
4	Audio Left/Right output	9	Main ON/OFF Switch
5	CBVS Composite Video Out	10	AC Power Cord

REMOTE CONTROL

REMOTE CONTROL

Item	Function
1	STANDBY
2	INFO
3	MUTE
4	PLAY/PAUSE
5	USB
6	STOP
7	MENU
8	UP/DOWN
9	PAGE UP
10	0-9
11	FAV
12	EPG
13	PREV
14	NEXT
15	RED BUTTON
16	GREEN BUTTON
17	TV/RADIO
18	AUDIO
19	REC
20	HDMI
21	RETURN/EXIT
22	RIGHT/LEFT
23	OK
24	PAGE DOWN
25	TEXT
26	SUBTITLE
27	FWD
28	REW
29	BLUE BUTTON
30	YELLOW BUTTON



NOTE: To use the Remote Control, point it towards the front of the Digital Set Top Box. The Remote Control has a range of up to 7 meters from the Set Top Box at an angle of up to 60 degrees.

REMOTE CONTROL

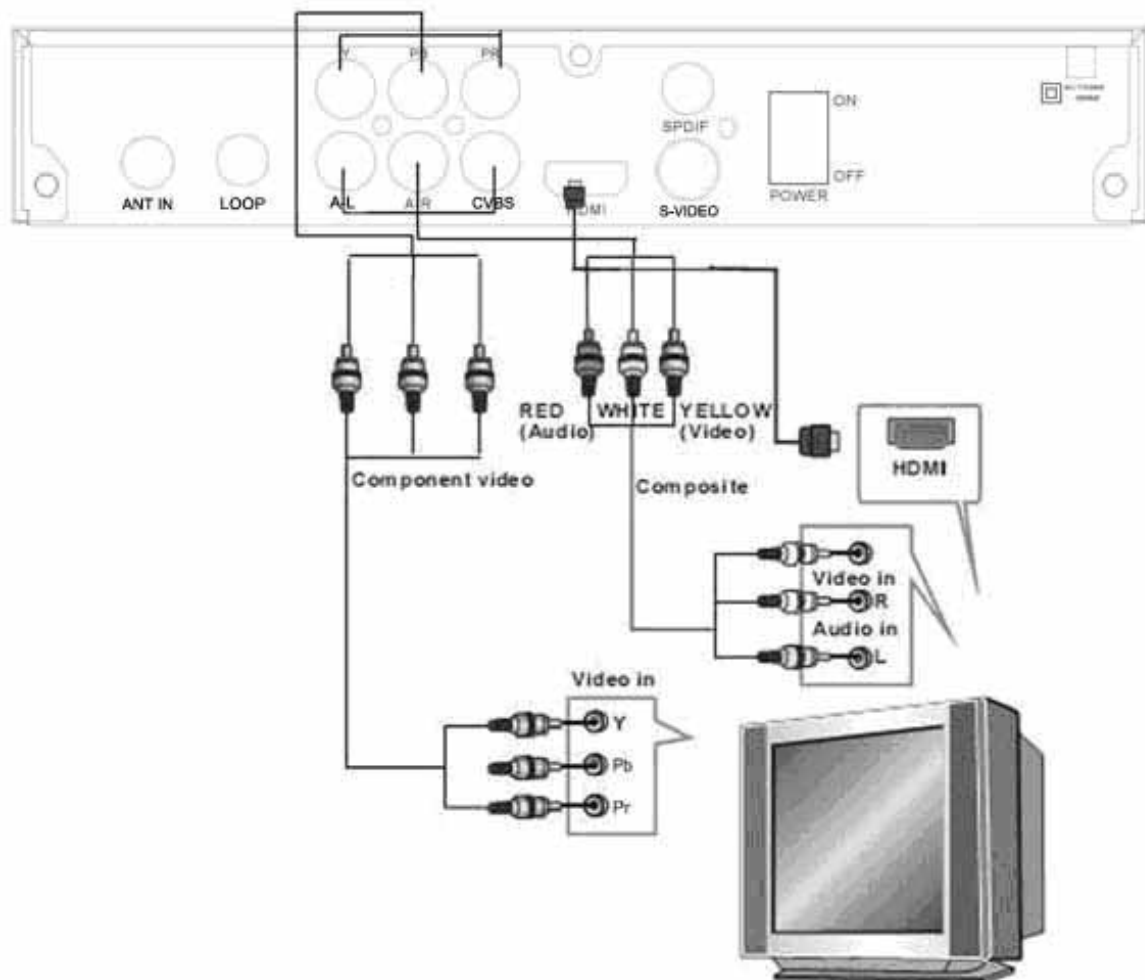
Key Function

Button	Action
STANDBY	Places the STB into Standby mode or wakes it up
INFO	Displays additional channel and program information
MUTE	Mute or restore Audio
PLAY/PAUSE	Start or pause playback
USB	Switch to USB interface
STOP	Stop the current playback
MENU	Displays all the main menus.
UP/DOWN	Navigate through menus.
PAGE UP	Previous/Last screen.
0-9	Numerical keypad. Select channel or setting
FAV	Displays Favourite Channel list.
EPG	Displays EPG (Electronic Program Guide)
PREV	Skips to the Previous track/file during media playback
NEXT	Skips to the Next track/file during media playback
RED BUTTON	In Picture Viewing mode Press to Zoom in on Image
GREEN BUTTON	In DVT mode press to cycle through different Resolutions options. In Music playback mode press to cycle through different repeat settings.
TV/RADIO	Switches between DVB-T (TV) and DVB-R (Radio)
AUDIO	Selects an Audio language or mode (if broadcast)
REC	Start recording current program
HDMI	Adjust output resolution 576i/p~720p~1080i
RETURN/EXIT	Exits current screen or returns to the previous channel
RIGHT/LEFT	Increase/ Decrease volume or navigate through menus
OK	Displays Channel listing DVB-T mode or confirm selection
PAGE DOWN	Next Screen
TEXT	Adjust Text Information
SUBTITLE	Displays Subtitle language information
FWD	Fast Forward through Media playback
REW	Fast Rewind through Media playback
BLUE BUTTON	In Teletext mode, it is the Teletext colour button
YELLOW BUTTON	In DTV mode, press to change to different Aspect Ratios. In Teletext mode, it is the Teletext colour button.

NOTE: Some features on this remote rely on the feature being available during the broadcast. Button may not respond if function is not available.

HVBTR-4800 PVR READY SET TOP BOX**CONNECTING TO A TELEVISION**

1. Turn the TV off at the main power outlet.
2. Check the Main Power switch on the rear of HVBTR-4800 HD Set Top Box and the mains out let that it is to be connected too is in the off position.
3. Connect the Antenna cable to the ANT In socket.



4. Choose the best connection method for your Equipment. There are 3 possible connection methods and the type that you choose may depend on the type of TV that you have.

CONNECTING HVBTR-4800 PVR READY SET TOP BOX

Video and Audio Connection

Connection Method A: Composite

Quality = Fair to Good

The composite cable (supplied) comprises of 1 x Video Cable (yellow) , 1 x Left Channel Audio (White) cable and 1 x Right Channel Audio (Red) cable.

Best Used for: Older CRT Type televisions or other displays with only a standard AV input.

Connection Method B: Component (Y, PbPr)

Quality = Good to Very Good

The component cables (not supplied) comprise of 3 x Video cable each carrying different signals. Separate Audio cables are also required to carry the audio signal to the TV.

Best Used for: Any TV that has matching inputs that does not have HDMI inputs.

Connection Method C: HDMI

Quality = Best

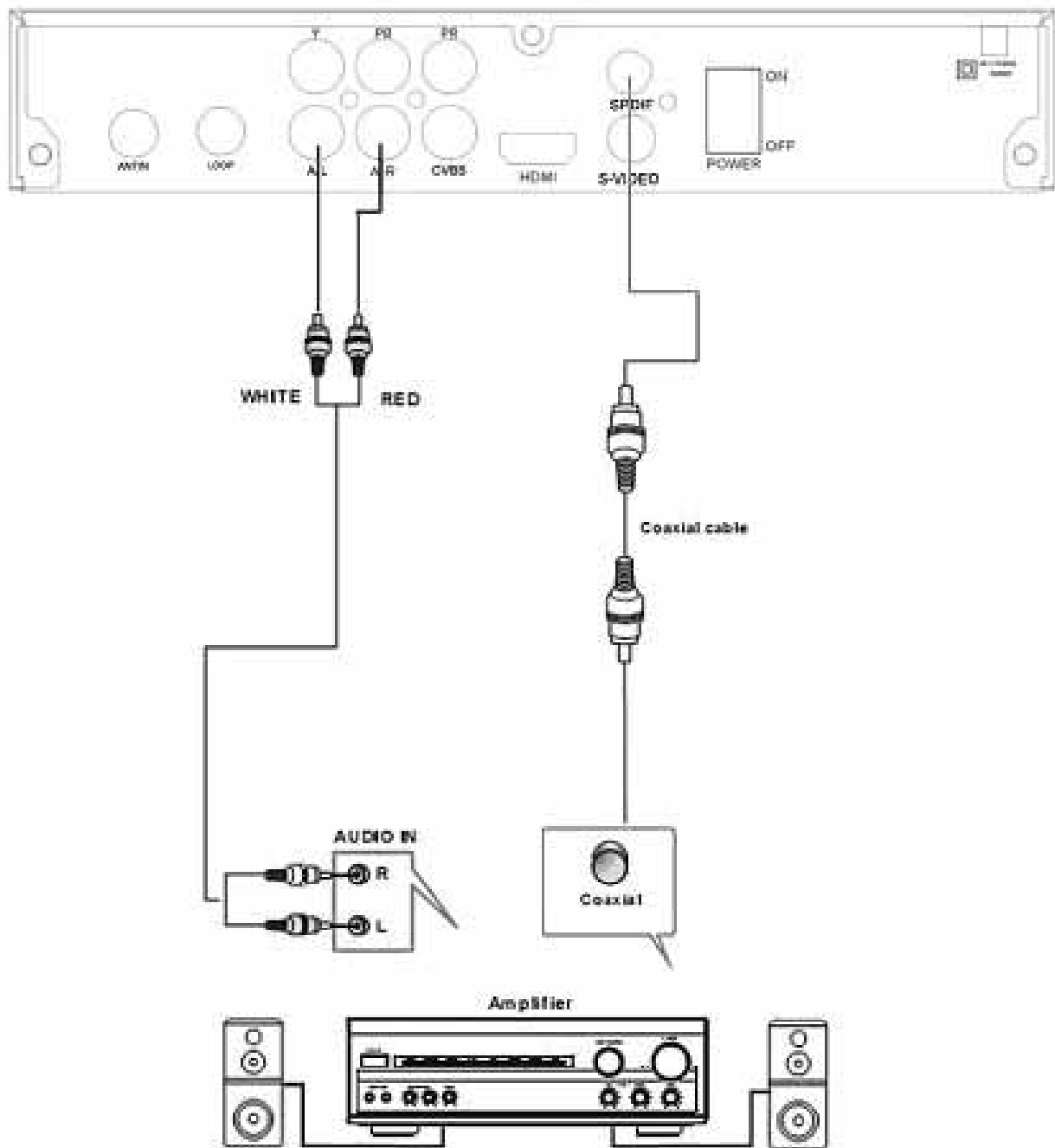
HDMI (High-Definition Multimedia Interface) is the preferred connection method as the HDMI cable (not supplied) allows full HD Digital signal transmission to the TV.

Best Used For: Any TV that has an HDMI input.

Audio Connection

Audio can be connected to an external amplifier.

1. Connect the Stereo Left and Right channels (White & Red) to the back of the Set Top Box and the corresponding inputs on the back the audio device.
2. Connect a SPDIF Coaxial Audio Cable (not supplied) to the rear of the Set Top Box and the corresponding inputs on the back the audio device for full surround sound.

CONNECTING HVBTR-4800 PVR READY SET TOP BOX

Once the HVBTR-4800 HD Set Top Box has been connected to the power and to the TV After all connections have been made properly, switch on TV and make sure the unit is connected to the Main Power.

FIRST TIME INSTALLATION**FIRST TIME INSTALLATION**

Press Power button to switch the unit on.

If you are using the unit for the first time or have restored the unit to Factory Default, the Installation Guide Menu will appear on your TV screen.

OSD Language

To set the OSD (On Screen Display) Language press the LEFT/RIGHT buttons on the remote until the desired Language is displayed and then press the DOWN button.

**Channel Search**

Press OK to start the Channel Search.

The System will now scan for the available channel in your area.

Found DVB-T Channels are shown in the left window and DVB-R stations are displayed in the right.

Total progress is displayed in the bar below.

Press the EXIT or Menu Button to stop the scan at Any time.

Once the Scan is complete the first Station is shown.



BASIC OPERATION**Channel Selection**

A. Use the UP or Down Buttons to go up or down through the channels individually or

B. Press the OK button to display the Channel list.

I. Use the UP/DOWN buttons to select a channel and then press the OK button to confirm selection.

I. Press the LEFT/RIGHT button to Change to DVB-R radio channel List.

I. Press the EXIT button to close the channel list and return to TV viewing.

If you know the channel number it can be entered directly using the Numeric Key Pad

Volume Control

Press the LEFT (VOL-) button to decrease the volume

Press the Right (VOL +) button to increase the volume

Press the MUTE button to mute the audio output. Press again to restore audio.

Channel Information

Press the INFO button on the remote control to display the current channel and program information including:

- Current channel name, number and current time.
- Current and Next program name, start and finish time

Press the INFO Button again to see more detailed information about the channel and program as well as signal strength.



MAIN MENU**MAIN MENU**

Press the MENU button to access the main system menu.

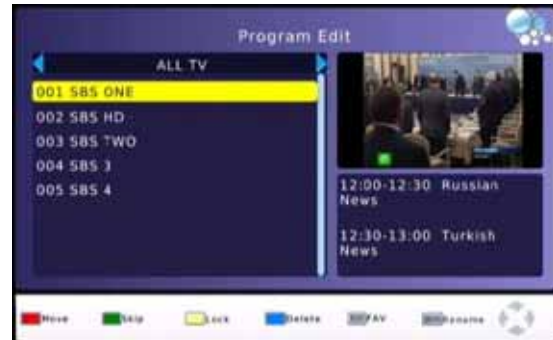
Use the LEFT and RIGHT buttons to scroll across to select the Menu Section that you require and then press the OK or DOWN button to access the required Menu Section. Press the OK button to confirm any selection or changes made in the Menu or press the EXIT button to return to the previous screen.

Press the MENU button to close the menu button and return the TV screen.

Program**Program Edit**

To edit your program preferences (lock, skip, favorite, move or delete), you will need to enter the Program Edit Menu. This Menu requires a password to access.

Press the LEFT/RIGH button to Change to DVB/R radio channel List.



Action	Button	Description
MOVE	RED	Select the channel to move and press the RED button. Use the UP and Down Button to move the channel and then press the OK button to confirm
SKIP	GREEN	channel to be skipped. Press GREEN again to stop the SKIP
LOCK	YELLOW	Use the UP and DOWN buttons to select the channel to LOCK and then press the YELLOW button. Press again to unlock LOCKED channels will require the password to be viewed.
DELETE		Use the UP and DOWN buttons to select the channel to DELETE and then press the BLUE button. Press OK to confirm or EXIT to cancel.
FAVOURITE	FAV	Use the UP and DOWN buttons to select the channel to add as a FAVOURITE and then press the FAV button. Use the UP and Down button to select the category to save the channel as and press the OK button to confirm. Multiple categories are possible.
RENAME	MENU	Use the UP and DOWN buttons to select the channel to rename and then press the MENU button. Use the UP/DOWN/LEFT/RIGHT button to select each letter and press the OK button to confirm the letter. Select and confirm the OK button on the screen to save the changes.

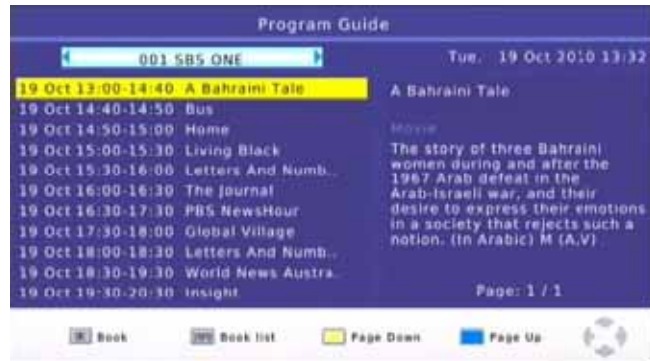
Note: Please see “System Setting” section later in this manual for more information on password protection.

EPG & Scheduling

The EPG is an on-screen TV guide that shows scheduled programs up to seven days in advance for every tuned channel.

Press the EPG button on the Remote Control to access the guide.

Use the LEFT and RIGHT buttons to change the channel.



Use the UP and DOWN button to scroll through the EPG and highlight the program you are interested in. The program information is displayed on the right hand side of the window. If more than one page of information is available use the YELLOW or BLUE buttons to display the different pages.

Once you have found a program that you are interested in you can set a reminder to view the program or record it if you are not going to be available to watch it. Press the OK button to Book or Schedule and program.

Use the UP and DOWN buttons to select the option to change and the use the LEFT or RIGHT button to change it.

All fields will default to the details of the program that you have selected.

MAIN MENU

To accept all details as displayed please use the OK button on the remote. Or change the options as described below.

SELECTION	OPTION	DESCRIPTION
CHANNEL	TYPE TV RADIO	Choose between TV and Radio
CHANNEL NO.	Available Channels	Change the channel to book
CHANNEL AVE	Default	As per Broadcast or edited.
START DATE	Set the date of the booking to commence (MM/DD/YY)	Use the LEFT/RIGHT Button to select the field to change and use the numeric pad to enter the new number
START TIME	Set the Start Time	Use the LEFT/RIGHT Button to select the field to change and use the numeric pad to enter the new number
END TIME	Set the End Time	Use the LEFT/RIGHT Button to select the field to change and use the numeric pad to enter the new number
REPEAT	ONCE DAILY WEEKLY	Select whether you wish to have the booking repeat every day, every week on the same day or just once.
MODE VIEW	RECORD	Select to View the program or record it. Recording requires a USB device with enough available space for the recording.

Once a Booking has been made the Schedule screen will be shown with all bookings displayed.

The Status icons:

- Green = Booked for Viewing
- Orange/RED = Booked for recording

Programs are also marked as booked in the EPG.

MAIN MENU

Action	Button	Description
ADD	RED	Press the RED button to Add a booking manually.
EDIT	GREEN	Press the GREEN button to edit the selected booking.
DELETE	BLUE	Delete the selected booking.
EXIT	EXIT	Press the EXIT button to return to the EPG screen

Sort

Sort your channels from the following options:

Sort type	Description
LCN (LOGICAL CHANNEL NAME)	Sort the channels in ascending order.
ONID	Sort the channels according to ONID
SERVICE NAME	Sort the channels in alphabetical order.
SERVICE ID	Sort the channels according to the station.

LCN

Set LCN to ON or OFF

Picture

The Picture menu allows you to alter the way the display is shown on you TV from the Aspect Ratio to the resolution.

SELECTION	OPTIONS	DESCRIPTION
ASPECT RATIO	16:9 Wide Screen Auto 4:3 Full 4:3 Pan & Scan	Set the best aspect ratio that suits you TV and or picture being displayed.
RESOLUTION	[480P]: for NTSC TV system. [576P]: for PAL TV system. [720P]: for NTSC or PAL TV system. [1080I]: for NTSC or PAL TV system.	Change the output resolution to suit your TV. Not for Composite output.

TV FORMAT	PAL NTSC AUTO	Set the color system used by your TV. If in doubt use the Auto option.
VIDEO OUTPUT	CVBS S-VIDEO YPbPr	Set the analogue output used. (S-VIDEO is not used)

Channel Search

This Menu provides options to adjust the Search Channel settings.

Auto Search

Use the RIGHT button or the OK button to start the full Auto search of all channels for both DVB-T and DVB-R.

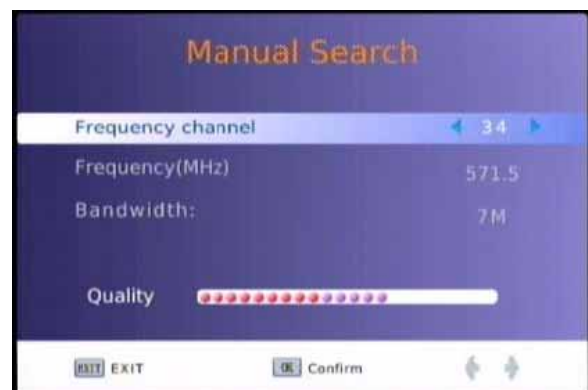
This option will delete all previously scanned channels A full scan can take several minutes.

Manual Search

This option allows you to scan for new channels without deleting previously saved channels and settings.

Use the LEFT or RIGHT button to select the frequency channel to scan and then press the OK button to start the search.

The quality status bar will indicate the quality of the signal.



Antenna Power

Select ON only if an external active antenna is connected

Time

Set the times zone for you area of residences.

Time Offset

AUTO Sets GMT Offset based on Country Region

MANUAL Requires the GMT offset to be set manually and disables the Country Region option

Time Zone

Set the GMT offset when Time Offset option is set to manual. Use the LEFT and Right buttons to select the Offset for your region.

Sleep

The Sleep option allows you to set a time that the STB will automatically turn off from the last input from the remote control. Options are 1 to 12 hours set in 1 hour increments. OFF disables the Sleep feature.

Option**OSD Language**

OSD Language default is English

Subtitle Language

Sets the language used by the subtitles. Use the LEFT/RIGHT buttons on the remote, until the desired Language is displayed and then press the DOWN button.

Note: Only available if chosen subtitle language is being transmitted.

Audio Language

Set the preferred audio language for watching TV channels. If the language is not available, the default program language will be used.

Note: Only available if chosen Audio language is being transmitted.

Digital Audio

Set the Digital audio output of the HVBTR-4800 HD Set Top Box

Options are: PCM, RAW or OFF. Please refer to your Audio equipment documentation for the best setting for your equipment.

System Setting

The menu provides options to adjust the system settings.

Parental Guidance

Select the parental control level you desire for TV program with lock-out function or multiple rating levels. They are listed in different levels according to Australian standards.

Note: This feature requires a password to access and allows viewing to be restricted via password for programs that are outside the restrictions.

Set Password

Set or change the password for locked programs.

Input Old Password: Use the Numeric keypad to enter the old password.

Input New Password: Use the Numeric keypad to enter the New password.

Confirm Password: Use the Numeric keypad to enter the New password to confirm.

Note: The Default password is "000000"

Restore Factory Defaults

***WARNING* Restoring Factory Defaults will remove all saved channel information and settings. All Scheduled recordings will be deleted. Please use with care.**

Press the OK button to begin and then enter the password.

Press the OK button to confirm or press the EXIT button to return to the previous screen without Restoring Defaults.

Information

Displays the current information about Model, Hardware and Software reversion numbers.

USB

The USB settings menu allows you to change the way the STB displays multimedia from USB devices as well as managing the device its self.

Multimedia

When a USB device is attached you can select from the Music, Photo or Movie options in this menu using the RIGHT/LEFT keys and OK to select.

If a USB device is not connected, the warning message "Not Find Any USB Device" will appear.

Photo Configure

Use the Right button to enter the Photo configuration menu and set the available options as required.

SELECTION	OPTIONS	DESCRIPTION
SLIDE TIME	1 to 8 seconds	Set the number of seconds to display each picture.
SLIDE SHOW	1 to 59 Random	Set the Slide Show Effect to a fixed type or set to Random effects.
ASPECT RATIO	KEEP DISCARD	Use KEEP to show picture in original format or DISCARD to have images Fit the Screen.

Movie Configuration

Use the Right button to enter the Movie configuration menu and set the available options as required.

SELECTION	OPTIONS	DESCRIPTION
SUBTITLE SPECIFIC	Small Normal Big	Sets the size of the Subtitles for Movie playback
SUBTITLE BG	Transparent Gray Yellow/Green White	Sets the background color used for subtitles during movie playback
SUBTITE FONT COLOUR	White Black, Red Blue Green	Sets the font color used to display subtitles during move playback.

Note: this option requires the presence of subtitle files to be included in the same directory as the movie files.

PVR Configuration

Use the RIGHT button to enter the PVR Configuration Sub menu.

Record Device

This screen Display information about the connected USB device including

- Device File System
- Total space on device
- Free Space on Device

This feature is useful for deciding if a device has enough room to record a program.

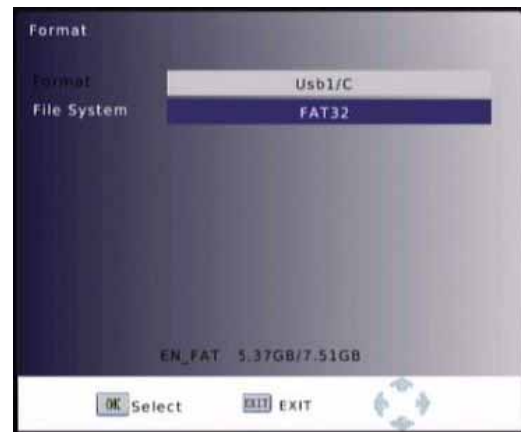
**Format**

The Format feature allows you to format the attached USB device.

Use the LEFT or RIGHT button to select the File System used to format the device.

- FAT32
- NTFS

With the selection made press the OK button to start and then again to confirm the format.



Time taken to complete this action will vary on size and type of attached device.

Note: Great care should be used when formatting attached devices. Once the format process is started it cannot be stopped and all data on the device will be lost and cannot be recovered.

MULTIMEDIA PLAYBACK

To play back record programs or view media from USB drives press the USB button on the remote control.

Use the LEFT or RIGHT button to select the type of media to access and then press the OK button to select.

Music

In the MUSIC Menu use the LEFT and RIGHT buttons to navigate to the folder on the USB device that contains the music files to play.

Select the file and press the OK button to begin playback. Track and playback information are displayed on the right hand window.

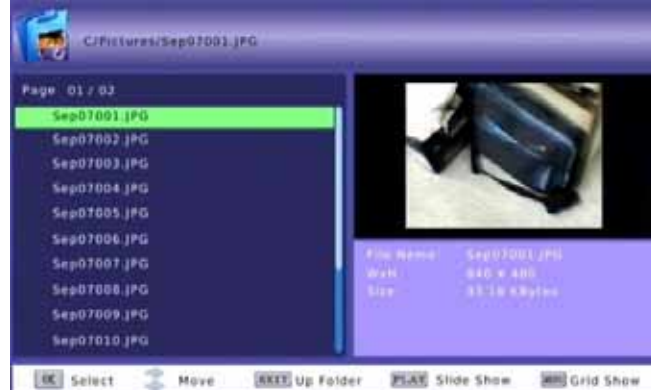
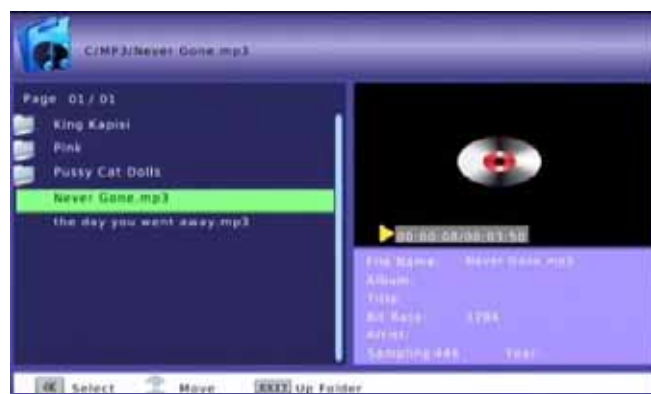
Photo

In the Photo Menu use the LEFT and RIGHT buttons to navigate to the folder on the USB device that contains the picture files to view.

Select the file and press the OK button to view an individual image or press the PLAY button to begin a Slide Show of all images in the current folder.

Press the MENU button to display the images in a grid.

Use the LEFT and RIGHT buttons to scroll through and select the image to view and press the OK button.



GENERAL INFORMATION

Movie

In the Movie Menu use the LEFT and RIGHT buttons to navigate to the folder on the USB device that contains the Video files to view. Select the file and press the OK button.

Playback of the selected video file will start in the right hand window. Press the RED button to change the video to full screen.

**Time Shifting Live TV**

A USB device needs to be connected to enable Time Shift. This function allows you to pause and rewind live TV. Press the GREEN button on the remote to enter Timeshift mode, it will take about 5 seconds.

when you are ready, press the PLAY/PAUSE button again to resume viewing.

In Time Shift mode you can also use the REV and FWD buttons for navigation. Press STOP to exit time shift mode.

All Time Shift data will be saved as recorded files in the Time Shift folder on your external USB device. Each time you use the Time Shift function another file will be added to this folder.

We recommend you regularly delete this folder to recover the space on your external USB device. This folder can be deleted via the menu option USB / Multimedia / PVR using the yellow Delete button.



PVR FUNCTION

PVR Function

Base on USB PVR function you could record the preference program and playback. Instant recording, EPG recording and timer recording were available.

Instant Recording

Press REC. key to start instant recording during watch TV and the recording symbol would be display on the left top of the screen. Press **INFO.** key to get further more information of instant recording. Press **STOP** key to stop instant recording.



EPG Recording

If you will never loss any preference program base on fully EPG recording feature. Press OK key to start EPG recording while you browser the EPG. You also could edit or delete EPG recording event on schedule window.

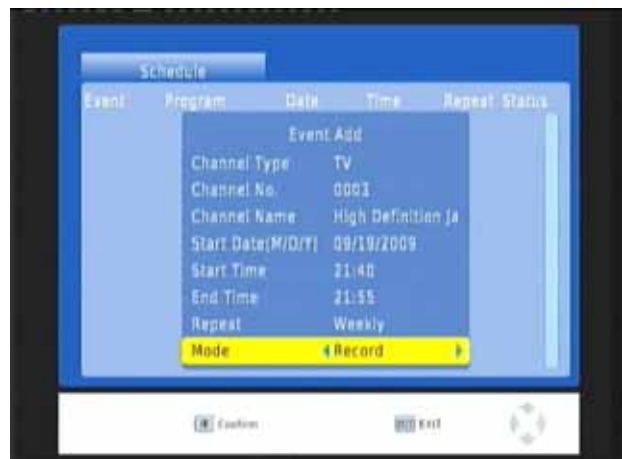
Press LEFT/RIGHT key to choose the channel

Press LEFT/RIGHT key to choose the Schedule Mode

Press "0...9" number key on the remote control to set the Event time

Press OK key to confirm

Press EXIT key to exit



Timer Recording

You could record preference program freely with timer recording feature. Go to EPG window and press INFO key to enter to the schedule window. You could add, edit and delete timer recording event on schedule window.



Playback Recorded Program

Press 'USB' button on remote control to go to 'Multimedia' screen, press OK button to select 'PVR'. Or use 'MENU' button to go to Program screen, use VOL_ or VOL+ to move to USB screen, use CH- button to highlight 'Multimedia' then press OK to enter 'Multimedia'.

In Multimedia screen, use VOL_ or VOL+ to select 'PVR' then press OK to enter PVRRECORD screen.

Follow the indication on the bottom row to select the different functions

Press OK to select PVRRECORD, all the program names will display on screen, use CH+ or CH- to select the program, press OK to pre play. Red button for Full Screen to watch, also follow the instruction on screen, program file can be deleted, or renamed.

Use STOP button to stop playing PVR anytime.



Connecting a USB Device**Connecting a USB FLASH Drive**

In most cases connecting a USB FLASH drive will be a matter of simply plugging it into the USB port on the HVBTR-4800 HD Set Top Box.

Please remember that HD TV requires a large amount of space to record. Please allow approximately 4GB per hour if recording HD programs. Less space will be required for lower resolution programs.

Connecting a 2.5" (Notebook) Hard Drive

Only single partition drives should be used. Due to the power requirements of some older USB drives, the USB port on this device may not be able to power the drive. Please ensure that the drive is formatted in FAT32 or NTFS before recording.

Connecting a 3.5" (Desktop) Hard Drive

Only single partition drives should be used. Connect the USB cable to the drive and to the STB before turning the drive ON. Please ensure that the drive is formatted in FAT32 or NTFS before recording.

For more information about external USB devices please refer to our website at www.olinlivenow.com.au.

GENERAL INFORMATION**TROUBLE SHOOTING**

Problem	Possible Cause	Solution
No Picture	Power is not connected	Connect the power and make sure unit is turned on.
Screen Shows “No Signal”	Antenna cable is not connected	Check the antenna connection to the rear of the STB
No sound	No or incorrect audio cable connections	Check connections of audio Cables
	Sound is muted	Un-Mute audio
No picture but sound OK	No or incorrect Video cable connections	Make sure cables are connected correctly.
Remote Control is not responding	Batteries are flat	Replace.
Picture is breaking up	Signal is too weak	Check antenna connection.
USB device is not detected	Not powered correctly	Check power source (if fitted) or reconnect.
Movie Playback out of sync	Faulty file	Check file to ensure not encoding issue
	File too large for STB	Re-encode file at lower resolution and/or data rate

SPECIFICATIONS**TECHNICAL SPECIFICATIONS**

TUNER	INPUT FREQUENCY	170~230MHz 471~860MHZ
	RF INPUT LEVEL	-25~-82Db
	IF BANDWITCH	7MHz & 8MHz
	MODULATION	QPSK, 16QAMM 64QAM
VIDEO	DECODER FORMAT	MPEG4 AVC/H.264 HP@L4 MPEG2 MP@ML.HL
	OUTPUT FORMAT	576p, 720p, 1080i, 4:3 & 16:9
	OUTPUT PORT	HDMI , YPbPr, CVBS
AUDIO	DECODER FORMAT	MPEG-1 (layer 1&2&3) WMA, AC3
	AUDIO OUTPUT	2 X RCA (L/R), COAXIAL SPDIF
USB 2.0	SUPPORTED MEDIA	MP3, WMA, JPEG, BMP, AVI, MKV
POWER	SUPPLY VOLTAGE	100~240VAC 50/60Hz
	MAXIMUM POWER CONSUMPTION	8W
	STANDBY POWER CONSUMPTION	< 1W

PLEASE NOTE:

THIS DEVICE SUPPORTS CERTAIN MPEG-4 (H.264) VIDEO PLAYBACKS. DUE TO VARIOUS COMPRESSION METHOD, IT MAY NOT BE COMPATIBLE WITH SOME MPEG-4 FORMATS. PLEASE VISIT OUR WEBSITE FOR FURTHER DETAIL.

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